

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	"372.clas" and (wavelength adj lock\$4 and diode and lens and filter and photo\$ and substrate).clm.	US-PGPUB	OR	OFF	2006/06/07 08:59
L3	0	"372".clas. and (wavelength adj lock\$4 and diode and lens and filter and (photosens\$5 or photodetect\$4) and substrate).clm.	US-PGPUB	OR	OFF	2006/06/07 09:06
S1	19	372/79.ccls.	US-PGPUB; USPAT	OR	OFF	2005/10/03 09:06
S2	379	372/50.11.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/14 11:36
S4	794	"372".clas. and maintain\$4 near4 wavelength	US-PGPUB; USPAT	OR	OFF	2005/09/14 11:36
S6	23	"372".clas. and maintain\$4 near3 "constant wavelength"	US-PGPUB; USPAT	OR	OFF	2005/09/15 13:46
S7	50	"wavelength locker".ti.	US-PGPUB; USPAT	OR	OFF	2005/09/22 10:12
S8	3	"wavelength locker".ti. and photosensitive	US-PGPUB; USPAT	OR	OFF	2005/09/14 15:21
S11	203	372/32.ccls. and (photo\$1detect\$4 or photo\$1sensitive) and @py<"2002"	US-PGPUB; USPAT	OR	OFF	2005/09/16 11:00
S12	203	372/32.ccls. and (photo\$1detect\$4 or photo\$1sensitive) and @py<"2002"	US-PGPUB; USPAT	OR	OFF	2005/09/16 11:00
S13	10	S12 and "back facet"	US-PGPUB; USPAT	OR	OFF	2005/09/16 11:43
S14	56	S12 and lens and filter NOT S13	US-PGPUB; USPAT	OR	OFF	2005/09/22 11:40
S15	203	372/32.ccls. and (photo\$1detect\$4 or photo\$1sensitive) and @py<"2002"	US-PGPUB; USPAT	OR	OFF	2005/09/20 15:34
S16	10	S15 and "back facet"	US-PGPUB; USPAT	OR	OFF	2005/09/20 15:34
S17	179	S15 and first and second not S16	US-PGPUB; USPAT	OR	OFF	2005/09/20 15:34
S18	52	S17 and lens and filter	US-PGPUB; USPAT	OR	OFF	2005/09/20 15:35
S19	6	"wavelength locker" and lens and filter and (photo\$1detect\$4 or photo\$1sensitive) and @py<"2002"	US-PGPUB; USPAT	OR	OFF	2005/09/21 09:21
S20	12	"6323987"	US-PGPUB; USPAT	OR	OFF	2005/09/21 11:24
S21	1	"6323987".pn.	US-PGPUB; USPAT	OR	OFF	2005/09/21 11:25
S22	2	"6323987".pn. "6931038".pn.	US-PGPUB; USPAT	OR	OFF	2005/09/21 11:25
S23	2	"5469265".pn. "5319435".pn.	US-PGPUB; USPAT	OR	OFF	2005/09/21 14:03
S24	37	"wavelength locking".ti.	US-PGPUB; USPAT	OR	OFF	2005/09/22 10:13
S25	0	372/32.ccls. and common\$3 near2 (collimat\$4 adj lens)	US-PGPUB; USPAT	OR	OFF	2005/09/22 11:42
S26	0	372/32.ccls. and often near3 (collimat\$4 adj lens)	US-PGPUB; USPAT	OR	OFF	2005/09/22 11:42
S27	64	372/32.ccls. and often and used and collimat\$4 and lens	US-PGPUB; USPAT	OR	OFF	2005/09/22 11:42
S28	4	372/32.ccls. and often near2 used and collimat\$4 near2 lens	US-PGPUB; USPAT	OR	OFF	2005/09/22 11:45

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S29	453	"372".clas. and (mirror or reflector or splitter) same lens same filter	US-PGPUB; USPAT	OR	OFF	2005/09/22 13:11
S30	85	"372/32.cccls. and (mirror or reflector or splitter) same lens same filter	US-PGPUB; USPAT	OR	OFF	2005/09/22 13:12
S31	33	"372/32.cccls. and (mirror or reflector or splitter) same lens same filter and @py<2002	US-PGPUB; USPAT	OR	OFF	2005/09/22 13:16
S32	279	wavelength near (lock\$ or \$monitor\$4) and (detect\$ or photodiode or photosens\$) and (filter or etalon) and power and lens near collimat\$	US-PGPUB; USPAT	OR	OFF	2005/09/22 13:21
S33	2	2002/0109851	US-PGPUB; USPAT	OR	OFF	2005/09/23 09:18
S34	1	"20020109851".PN.	US-PGPUB	OR	OFF	2005/09/23 09:19
S35	6	lens and "first collimating element" and "second collimating element"	US-PGPUB; USPAT	OR	OFF	2005/09/23 16:31
S36	6	"372".clas. and bifocal near2 lens	US-PGPUB; USPAT	OR	OFF	2005/09/23 16:33
S37	1	"4786798".pn.	US-PGPUB; USPAT	OR	OFF	2005/09/23 16:33
S38	394	"wavelength locker" or "wavelength locking" and "two lenses"	US-PGPUB; USPAT	OR	OFF	2005/09/26 09:53
S39	10	("wavelength locker" or "wavelength locking") and "two lenses"	US-PGPUB; USPAT	OR	OFF	2005/09/26 09:53
S40	2	10/700306	US-PGPUB; USPAT	OR	OFF	2005/09/26 10:46
S41	6	dual adj micro\$lens\$3 and (photo\$1sens\$6 or photo\$1detect\$4 or detect\$4) and collimat\$4	US-PGPUB; USPAT	OR	OFF	2005/09/26 10:55
S42	84	dual adj lens\$3 and (photo\$1sens\$6 or photo\$1detect\$4 or detect\$4) and collimat\$4	US-PGPUB; USPAT	OR	OFF	2005/09/26 11:48
S43	0	dual adj adjacent adj lens\$3 and (photo\$1sens\$6 or photo\$1detect\$4 or detect\$4) and collimat\$4	US-PGPUB; USPAT	OR	OFF	2005/09/26 11:49
S44	129	twin adj lens\$3 and (photo\$1sens\$6 or photo\$1detect\$4 or detect\$4)	US-PGPUB; USPAT	OR	OFF	2005/09/26 13:43
S45	504	multi\$1lens\$3 and (photo\$1sens\$6 or photo\$1detect\$4 or detect\$4)	US-PGPUB; USPAT	OR	OFF	2005/09/26 13:43
S46	252	multi\$1lens\$3 and (photo\$1sens\$6 or photo\$1detect\$4 or detect\$4) and collimat\$	US-PGPUB; USPAT	OR	OFF	2005/09/26 13:44
S47	21646	lens with "first element" "second element"	US-PGPUB; USPAT	OR	OFF	2005/09/27 09:23
S48	303	lens with "first element" and "second element"	US-PGPUB; USPAT	OR	OFF	2005/09/27 10:05
S49	9	"composite lens".ti.	US-PGPUB; USPAT	OR	OFF	2005/09/27 10:10
S50	1	"3968305".PN.	USPAT; USOCR	OR	OFF	2005/09/27 10:10
S51	4289	(photo\$1sens\$5 or detect\$4 or photo\$1detect\$4) with concentric\$5	US-PGPUB; USPAT	OR	OFF	2005/09/27 11:33
S52	558	(photo\$1sens\$5 or photo\$1detect\$4) with concentric\$5	US-PGPUB; USPAT	OR	OFF	2005/09/27 11:38
S53	8	"372".clas. and (photo\$1sens\$5 or photo\$1detect\$4) with concentric\$5	US-PGPUB; USPAT	OR	OFF	2005/09/27 13:13
S54	10	"372".clas. and (photo\$1sens\$5 or photo\$1detect\$4 or photo\$1diode) with concentric\$5	US-PGPUB; USPAT	OR	OFF	2005/09/27 13:14
S55	0	"372".clas. and second adj (filter or etalon) and different adj "transmission response"	US-PGPUB; USPAT	OR	OFF	2005/09/27 13:52

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S56	185	"372".clas. and second adj (filter or etalon)	US-PGPUB; USPAT	OR	OFF	2005/09/27 13:52
S57	364	"372".clas. and (photo\$1detect\$4 or photo\$1sens\$5 or photo\$1diode) and ("optically passive" or spacer)	US-PGPUB; USPAT	OR	OFF	2005/09/27 15:33
S58	0	"372".clas. and (photo\$1detect\$4 or photo\$1sens\$5 or photo\$1diode) and "optically passive spacer"	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:56
S59	364	"372".clas. and (photo\$1detect\$4 or photo\$1sens\$5 or photo\$1diode) and ("optically passive" or spacer)	US-PGPUB; USPAT	OR	OFF	2005/09/27 15:35
S60	40	"372".clas. and (photo\$1detect\$4 or photo\$1sens\$5 or photo\$1diode) and ("optically passive" or spacer) and locker	US-PGPUB; USPAT	OR	OFF	2005/09/27 15:53
S62	38	372/32.ccls. and spacer and (photo\$1detect\$4 or photo\$1sens\$5 or photo\$1diode)	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:06
S63	1374	spacer with (photo\$1detect\$4 or photo\$1sens\$5 or photo\$1diode)	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:07
S64	24	"372".clas. and spacer with (photo\$1detect\$4 or photo\$1sens\$5 or photo\$1diode)	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:07
S65	335	(wavelength or frequency) near2 (lock\$3 or stabiliz\$6) and spacer	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:27
S66	16	(wavelength or frequency) near2 (lock\$3 or stabiliz\$6) and spacer near4 filter	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:27
S67	1	"wavelength locker".ti. and @py<"2002"	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:40
S68	13	(US-20010033592-\$ or US-20020048225-\$ or US-20040090620-\$).did. or (US-3873825-\$ or US-4815081-\$ or US-4998256-\$ or US-5206699-\$ or US-6215801-\$ or US-6289028-\$ or US-6301280-\$ or US-6321003-\$ or US-6366592-\$ or US-5963686-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/09/28 10:36
S69	2	S68 and prism	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:50
S70	17	"372".clas. and reflect near2 prism	US-PGPUB; USPAT	OR	OFF	2005/09/28 09:57
S71	7	S68 and dielectric	US-PGPUB; USPAT	OR	OFF	2005/09/28 13:19
S72	46	dielectric near beamsplitter	US-PGPUB; USPAT	OR	OFF	2005/09/28 15:05
S73	0	(dielectric near beamsplitter) with facet	US-PGPUB; USPAT	OR	OFF	2005/09/28 15:32
S74	17462	(dielectric near beamsplitter or divider or \$splitter) with (back or front)	US-PGPUB; USPAT	OR	OFF	2005/09/28 15:33
S75	4	(dielectric near (beamsplitter or divider or \$splitter)) with (back or front)	US-PGPUB; USPAT	OR	OFF	2005/09/28 15:39
S76	132	di\$1electric near (beamsplitter or divider or \$splitter)	US-PGPUB; USPAT	OR	OFF	2005/09/28 15:39
S78	14	(US-20010033592-\$ or US-20040090620-\$ or US-20020141463-\$).did. or (US-3725817-\$ or US-3873825-\$ or US-4815081-\$ or US-4998256-\$ or US-5206699-\$ or US-5963686-\$ or US-6215801-\$ or US-6289028-\$ or US-6301280-\$ or US-6321003-\$ or US-6366592-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/09/29 09:13
S79	13	S78 and power	US-PGPUB; USPAT	OR	OFF	2005/09/29 09:51
S80	340	"372".clas. and power with sum	US-PGPUB; USPAT	OR	OFF	2005/09/29 09:54
S81	0	372/32.ccls and power with sum	US-PGPUB; USPAT	OR	OFF	2005/09/29 09:52
S82	89	"372".clas. and (photo\$1detect or photo\$sensitive or photo\$diode) and power with sum	US-PGPUB; USPAT	OR	OFF	2005/09/29 11:18

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S83	0	"02251897.1"	EPO; JPO; DERWENT	OR	OFF	2005/09/29 11:19
S84	5	"2251897"	EPO; JPO; DERWENT	OR	OFF	2005/09/29 11:19
S85	1	1986-327419.NRAN.	DERWENT	OR	OFF	2005/09/29 11:19
S86	0	("2004/0022282").URPN.	USPAT	OR	OFF	2005/09/29 11:56
S87	1226	(wavelength or frequency) with (lock\$4 or monitor\$4) and (photo\$1detect or photo\$1sensitive or photo\$1diode) and power with determin\$3	US-PGPUB; USPAT	OR	OFF	2005/09/29 13:12
S88	655	(wavelength or frequency) with (lock\$4 or monitor\$4) and (photo\$1detect or photo\$1sensitive or photo\$1diode) and power near3 determin\$3	US-PGPUB; USPAT	OR	OFF	2005/09/29 14:27
S89	0	"(wavelength or frequency) with (lock\$4 or monitor\$4)".ti. and (photo\$1detect or photo\$1sensitive or photo\$1diode) and power near3 determin\$3	US-PGPUB; USPAT	OR	OFF	2005/09/29 13:15
S90	31	(wavelength or frequency) with (lock\$4 or monitor\$4).ti. and (photo\$1detect or photo\$1sensitive or photo\$1diode) and power near3 determin\$3 and (wavelength.ti. or frequency.ti.)	US-PGPUB; USPAT	OR	OFF	2005/09/29 13:20
S91	19	(wavelength or frequency) with (lock\$4 or monitor\$4) and (photo\$1detect or photo\$1sensitive or photo\$1diode) and power near3 determin\$3 and submount	US-PGPUB; USPAT	OR	OFF	2005/09/29 14:27
S92	531	(photo\$1detect\$3 or photo\$1sens\$5 pr photo\$1diode) and reflect and power near2 monitor	US-PGPUB; USPAT	OR	OFF	2005/09/29 14:41
S93	7	(photo\$1detect\$3 or photo\$1sens\$5 pr photo\$1diode) and reflect and power near2 monitor and submount and "back facet"	US-PGPUB; USPAT	OR	OFF	2005/09/29 14:42
S94	1	"6081638".pn.	US-PGPUB; USPAT	OR	OFF	2005/10/03 09:24
S95	630	"372".clas. and reflect\$4 near2 (photo\$1diode or photo\$1sens\$5 or photo\$1detect\$3 or detect\$3)	US-PGPUB; USPAT	OR	OFF	2005/10/03 09:27
S96	291	"372".clas. and reflect\$4 near (photo\$1diode or photo\$1sens\$5 or photo\$1detect\$3 or detect\$3)	US-PGPUB; USPAT	OR	OFF	2005/10/03 09:27
S97	16	(US-20010033592-\$ or US-20020141463-\$ or US-20040090620-\$).did. or (US-3725817-\$ or US-3873825-\$ or US-4815081-\$ or US-4998256-\$ or US-5206699-\$ or US-5963686-\$ or US-6215801-\$ or US-6289028-\$ or US-6301280-\$ or US-6321003-\$ or US-6366592-\$ or US-6587214-\$ or US-4583227-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/10/03 11:34
S98	2	S97 and cooler and sub\$1mount	US-PGPUB; USPAT	OR	OFF	2005/10/03 13:21
S99	16	thermo\$1electric adj cooler and "laser diode" adj sub\$1mount	US-PGPUB; USPAT	OR	OFF	2005/10/03 13:35
S100	55	thermo\$1electric adj cooler and sub\$1mount and (wavelength or frequency) adj lock\$4	US-PGPUB; USPAT	OR	OFF	2005/10/03 13:37
S101	5	S97 and controller and (TEC or cooler)	US-PGPUB; USPAT	OR	OFF	2005/10/03 17:01
S102	13	372/32.ccls. and "first mirror" and "second mirror" and lens	US-PGPUB; USPAT	OR	OFF	2005/10/04 10:14
S103	56	"372".clas. and "first mirror" same "second mirror" same lens	US-PGPUB; USPAT	OR	OFF	2005/10/04 10:14
S104	2	"5469265".pn. "5319435".pn.	US-PGPUB; USPAT	OR	OFF	2005/10/06 10:07
S105	1208	372/32.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 09:20

## EAST Search History

S10 6	315	372/32.ccls. and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 09:20
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